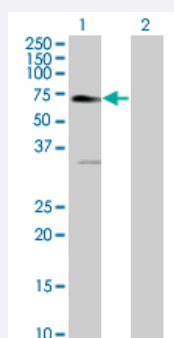


# EPOR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002057-T01

Size 100 uL

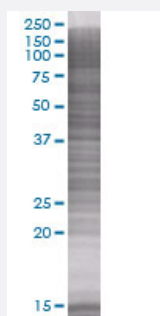
## Applications



### Western Blot

Lane 1: EPOR transfected lysate ( 55.1 KDa)

Lane 2: Non-transfected lysate.



### SDS-PAGE Gel

EPOR transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-EPOR full-length

**Host** Human

**Theoretical MW (kDa)** 55.99

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-EPOR antibody ([H00002057-B01](#)) by Western Blots.  
Western Blot  
Lane 1: EPOR transfected lysate ( 55.1 KDa)  
Lane 2: Non-transfected lysate.  
SDS-PAGE Gel  
EPOR transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — EPOR

**Entrez GeneID**[2057](#)**GeneBank Accession#**[NM\\_000121](#)**Protein Accession#**[NP\\_000112](#)**Gene Name**

EPOR

**Gene Alias**

MGC138358

**Gene Description**

erythropoietin receptor

**Omim ID**[133100](#) [133171](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The erythropoietin receptor is a member of the cytokine receptor family. Upon erythropoietin binding, the erythropoietin receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. [provided by RefSeq]

**Other Designations**

-

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Myeloproliferative Disorders](#)
- [Polycythemia Vera](#)
- [Thrombocythemia](#)